

**PART B - FEE(S) TRANSMITTAL**

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CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

7590                    03/23/2007  
**Steven M. Mills**  
**MILLS & ONELLO LLP**  
**Suite 605**  
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**Boston, MA 02108**



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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

Diane C. O'Donnell	(Depositor's name)
<i>Diane C. O'Donnell</i>	(Signature)
6/18/07	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/632,612	08/01/2003	Dac-Woong Kim	SAM-0448	4745

TITLE OF INVENTION: APPARATUS AND METHOD FOR SCRAMBLING AND DESCRAMBLING DATA WORDWISE IN OPTICAL DISK SYSTEM

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	06/21/2007 MGEBREM2 03099124 10632612	06/25/2007	06/25/2007
EXAMINER	ART UNIT	CLASS-SUBCLASS		01 FC:1501	1400.00	OP
SONG, HOSUK	2135	380-265000		02 FC:1504	300.00	OP
				03 FC:8001	3.00	OP

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
 "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 MILLS & ONELLO, LLP

2 \_\_\_\_\_

3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

**Samsung Electronics, Co., Ltd.**

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

**Republic of Korea**

Please check the appropriate assignee category or categories (will not be printed on the patent):  Individual  Corporation or other private group entity  Government

4a. The following fee(s) are submitted:

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- Issue Fee  
 Publication Fee (No small entity discount permitted)  
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5. Change in Entity Status (from status indicated above)

- a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.  b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Date 6/18/07

Typed or printed name Steven M. Mills

Registration No. 36,610

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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PATENT  
Attorney Docket No.: SAM-0448  
Customer No.: 29344

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Dae-woong Kim, *et al.*  
U.S. Serial No.: 10/632,612  
Filing Date: August 1, 2003  
Examiner: Song, Hosuk  
Group Art Unit: 2135  
Date of Notice of Allowance: March 23, 2007  
Title: APPARATUS AND METHOD FOR SCRAMBLING  
AND DESCRAMBLING DATA WORDWISE IN  
OPTICAL DISK SYSTEM

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

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6/18/07  
Date

Diane C. O'Donnell

Diane C. O'Donnell

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Sir:

Enclosed herewith for filing in the above-identified patent application please find the following:

1. Fee(s) Transmittal PTOL-85;
2. PTO-2038 Credit Card Payment Form to cover \$1,703.00 Issue Fee, one (1) advance-order copy of the printed patent and the Publication Fee; and
3. Return Postcard

In connection with the foregoing matter, please charge any additional fees which may be due, or credit any overpayment, to Deposit Account Number 50-1798. A duplicate copy of this letter is provided for this purpose.

Respectfully submitted,

Steven Mills

Steven M. Mills

Registration Number 36,610

Attorney for Applicant

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